LEED 2012
4th public comment substantive changes

Building Design & Construction

Integrative Process		
Prerequisite	Integrated Project Planning and Design	• Revised charrette requirement.
Credit	Discovery – Analysis to Support Integrative Process	• Cost analysis removed
Location and Transportation		
Credit	Sensitive Land Protection	• Restructured and moved to a credit.
Credit	LEED for Neighborhood Development Location	• Added LEED ND Pilot projects as eligible.
Credit	High Priority Site	• Separated into three options.
Credit	Surrounding Density and Diverse Uses	• No substantive changes.
Credit	Access to Quality Transit	• No substantive changes.
Credit	Bicycle Facilities	• Minor revisions to bicycle storage requirements.
Credit	Reduced Parking Footprint	• Changes to thresholds and total point value • Refined language about the parking included in the requirements
Credit	Low-Emitting and Fuel-Efficient Vehicles	• Credit expanded to additional rating systems.
Sustainable Sites		
Prerequisite	Construction Activity Pollution Prevention	• Clarified version of referenced standard.
Prerequisite	Environmental Site Assessment	• No substantive changes.
Credit	Site Assessment	• No substantive changes.
Credit	Site Development- Protect or Restore Habitat	• Revision to financial support requirements.
Credit	Site Development- Open Space	• Clarified turf and paving area requirements and multitenant requirements.
Credit	Rainwater Management	• Removed stormwater calculator option.
Credit	Heat Island Reduction	• Revised weighted average calculation. • Shade from plants measured at 10 years instead of 5 years
Credit	Light Pollution Reduction	• Credit restructured • Revised lighting zone requirements • Internally illuminated signage added back
Credit	Site Master Plan	• No substantive changes.
Credit	Tenant Design and Construction Guidelines	• No substantive changes.
Credit	Connection to the Natural World- Places of Respite	• Clarification of referenced standard.
Credit	Connection to the Natural World- Direct Exterior Access for Patients	• No substantive changes.
Credit	Joint Use of Facilities	• Added back requirement for separate entry.

Water Efficiency		
Prerequisite	Outdoor Water Use Reduction	• Removed 1000 sq ft exemption
Prerequisite	Indoor Water Use Reduction	• Pre-rinse spray valves baseline changed from 1.6 to 1.3 gpm • Appliance process water baselines revised
Prerequisite	Minimum Potable Water Use for Medical Equipment Cooling (Healthcare)	• No substantive changes.
Prerequisite	Building-Level Water Metering	• No substantive changes.
Credit	Outdoor Water Use Reduction	• Removed 1000 sq ft exemption.
Credit	Indoor Water Use Reduction	• Deleted vehicle washing machines • Commercial kitchen equipment baselines revised
Credit	Cooling Tower Water Use	• Portion moved to Indoor Water Use Reduction prerequisite • Conductivity threshold revised. • Requirements for cooling tower cycles revised.
Credit	Water Metering	• No substantive changes.
Energy and Atmosphere		
Prerequisite	Fundamental Commissioning and Verification	• Clarified requirements.
Prerequisite	Building-Level Energy Metering	• No substantive changes.
Prerequisite	Minimum Energy Performance	• Minimum energy requirement reduced from 10% to 5% above ASHRAE 90.1-2010. • Minimum energy requirement for major renovations reduced from 7% to 3% above ASHRAE 90.1-2010. • Minimum energy requirement for Core and Shell reduced from 6% to 2% above ASHRAE 90.1-2010. • Added Core Performance Guide option as a prescriptive path.
Prerequisite	Fundamental Refrigerant Management	• No substantive changes.
Credit	Enhanced Commissioning	• Revised structure of credit
Credit	Optimize Energy Performance	• Revised point thresholds.
Credit	Advanced Energy Metering	• No substantive changes.
Credit	Demand Response	• No substantive changes.
Credit	Renewable Energy Production	• Ownership duration of community based renewables changed from 15 to 10 years
Credit	Enhanced Refrigerant Management	• No substantive changes.
Credit	Green Power and Carbon Offsets	• No substantive changes.
Materials and Resources		
Prerequisite	Storage and Collection of Recyclables	• No substantive changes.
Prerequisite	Construction and Demolition Waste Management Planning	• No substantive changes.

Prerequisite	PBT Source Reduction-Mercury (Healthcare only)	• Minor clarification to exit sign requirements.
Credit	Building Life Cycle Impact Reduction	• Title revised. • Option 5 removed. • Global warming potential added as impact measure.
Credit	Material Disclosure and Optimization	• Title revised. • Requirements clarified. • Local sourcing requirement changed from 50 to 100 miles.
Credit	Responsible Extraction of Raw Materials	• Clarified requirements. • Added two options for calculating compliance.
Credit	Material Ingredient Reporting	• Title revised • Requirements clarified.
Credit	Avoidance of Chemicals of Concern	• Revised referenced standard to REACH.
Credit	PBT Source Reduction-Mercury in Lamps (Healthcare only)	• No substantive changes.
Credit	PBT Source Reduction-Lead, Cadmium, and Copper (Healthcare only)	• No substantive changes.
Credit	Furniture and Medical Furnishings (Healthcare only)	• Added Option 3 for alignment.
Credit	Resource Use- Design for Flexibility (Healthcare only)	• No substantive changes.
Credit	Construction and Demolition Waste Management	• Removed heavy/non-heavy distinction. • Restructured credit.
Indoor Environmental Quality		
Prerequisite	Minimum Indoor Air Quality Performance	• Added CEN standard as compliance path. • Clarified credit requirements.
Prerequisite	Environmental Tobacco Smoke Control	• No substantive changes.
Prerequisite	Minimum Acoustic Performance (Schools only)	• Clarification to credit requirements.
Credit	Enhanced Indoor Air Quality Strategies	• Deleted 5 Pa requirement for Interior Cross-Contaminant Protection option. • Deleted additional pollutants to model under Exterior Contamination Prevention • Restructured and clarified credit requirements.
Credit	Low-Emitting Interiors	• Streamlined requirements for wet-applied products. • Restructured and clarified credit requirements.
Credit	Construction Indoor Air Quality Management Plan	• Restructured and clarified credit requirements. • Added outdoor emissions.
Credit	Indoor Air Quality Assessment	• Restructured and clarified credit requirements
Credit	Thermal Comfort	• Removed credit from Core and Shell.
Credit	Interior Lighting	• Restructured and clarified credit requirements • Removed ASHRAE 90.1 requirement for lighting power density • Reduced surface brightness thresholds.
Credit	Daylight	• Clarified credit requirements

Credit	Quality Views	• Added options from the current Exemplary Performance requirement.
Credit	Acoustic Performance	• Clarified credit requirements.